CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

STATE New Hampshire FIELD OFFICE	All DATE July 2002
PRACTICE: 657 Wetland Restoration	NOTES:
RESOURCE: SOIL	
RESOURCE CONCERN: EROSION	
RESOURCE INDICATORS	PHYSICAL EFFECTS
SHEET AND RILL	significant reduction in sheet and rill erosion
WIND	significant reduction in wind erosion
EPHEMERAL GULLY	significant reduction in ephemeral gully erosion
CLASSIC GULLY	N/A
STREAMBANK	N/A
IRRIGATION INDUCED	N/A
SOIL MASS MOVEMENT	N/A
ROADBANK/CONSTRUCTION	N/A
OTHER	
RESOURCE CONCERN: SOIL CONDITION	
SOIL TILTH	N/A
SOIL COMPACTION	N/A
SOIL CONTAMINATION	
• SALTS	significant reduction in soil salinity
• ORGANICS	N/A
• FERTILIZERS	N/A
• PESTICIDES	N/A
• OTHER	
DEPOSITION/DAMAGE	
• ONSITE	significant reduction/onsite deposition damage
• OFFSITE	significant decrease/offsite deposition damage
DEPOSITION/SAFETY	
• ONSITE	significantly improve onsite safety/deposition
• OFFSITE	sign. improve offsite safety hazard/deposition
OTHER	
RESOURCE: WATER	
RESOURCE CONCERN: WATER QUANTITY	
SEEPS	moderate increase in seepage hazard
RUNOFF/FLOODING	moder. decrease in runoff/flooding
EXCESS SUBSURFACE WATER	moderate increase in excess subsurface water
INADEQUATE OUTLETS	N/A
WATER MGT. IRRIGATION	
• SURFACE	N/A
• SPRINKLER	N/A
WATER MGT. NON-IRRIGATED	N/A
RESTRICTED FLOW CAPACITY (H20 convey.)	
• ONSITE	significant retardance of onsite drainage
• OFFSITE	N/A
RESTRICTED STORAGE	sign. reduction in sedimentation of H20 storage

RESOURCE: WATER RESOURCE CONCERN: WATER QUALITY		
RESOURCE CONCERN: WATE	PHYSICAL EFFECTS	
GROUNDWATER CONTAMINANTS		
PESTICIDES	slight potential increase/GWater contam./pesticide	
NUTRIENTS AND ORGANICS	slight poten. increase in GWater contam./nutr,org.	
SALINITY	slight poten. increase/GWater contam./salinity	
HEAVY METALS	slight poten. increase/GWater contam./heavy metal	
PATHOGENS	slight poten. increase/GWater contam./pathegens	
OTHER		
SURFACE WATER CONTAMINANTS		
PESTICIDES	slight reduction in SWater contam./pesticides	
NUTRIENTS AND ORGANICS	slight reduction in SWater contam./nutr.,organics	
SUSPENDED SEDIMENTS	sign. reduction in SWater contam./susp. sedi.	
LOW DISSOLVED OXYGEN	slight reduction in SWater contam./low oxygen	
SALINITY	sign. reduction in SWater contam./salinity	
HEAVY METALS	slight reduction in SWater contam./heavy metals	
WATER TEMPERATURE	situational concerning SWater contam./H2O temp.	
PATHOGENS	slight decrease in SWater contam./pathegens	
AQUATIC HABITAT SUITABILITY	significant improvement in Aqua. Hab. Suit.	
OTHER		
RESOURCE: AIR RESOURCE CONCERN: AIR QUALIT AIRBORNE SEDIMENT AND SMOKE	Y	
PARTICLES		
ONSITE SAFETY	N/A	
OFFSITE SAFETY	N/A	
ONSITE STRUCT. PROBLEMS	N/A	
OFFSITE STRUCT. PROBLEMS	N/A	
ONSITE HEALTH	N/A	
OFFSITE HEALTH	N/A	
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A	
AIRBORNE CHEMICAL DRIFT	N/A	
AIRBORNE ODORS	N/A	
FUNGI, MOLDS, AND POLLEN	N/A	
OTHER		
RESOURCE CONCERN: AIR CONDITION		
AID TEMPED ATLIDE	N/A	
AIR TEMPERATURE	IN/A	
AIR MOVEMENT (windbreak effect)	N/A	

RESOURCE CONCERN: SUITABILITY RESOURCE PHYSICAL EFFECTS SITE ADAPTATION sign. improvement in plant suitability/site adapt PLANT USE sign. improvement in plant suit. for intended use OTHER RESOURCE CONCERN: CONDITION PRODUCTIVITY N/A HEALTH, VIGOR, SURVIVAL N/A OTHER	
RESOURCE SITE ADAPTATION sign. improvement in plant suitability/site adapt PLANT USE OTHER RESOURCE CONCERN: CONDITION PRODUCTIVITY N/A HEALTH, VIGOR, SURVIVAL OTHER	
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PRODUCTIVITY N/A HEALTH, VIGOR, SURVIVAL N/A OTHER	
HEALTH, VIGOR, SURVIVAL N/A OTHER	
OTHER	
PERCURATE CONCERN MANACIENTE	
RESOURCE CONCERN: MANAGEMENT	
ESTAB., GROWTH, HARVEST N/A	
NUTRIENT MANAGEMENT N/A	
PESTS N/A	
THREAT/ENDANGERED PLANTS N/A	
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD sign. improvement in animal habitat/food supply	
COVER/SHELTER sign. improvement in animal habitat/cover,shelter	
WATER (QUANTITY & QUALITY) sign. improvement in animal habitat/water\	
OTHER CENTENTS	
RESOURCE CONCERN: MANAGEMENT	
POPULATION BALANCE sign. improvement in animal mgt./pop. balance	
THREAT/ENDANGERED ANIMALS situational concerning threat./endangered animals	
HEALTH sign. improvement in animal mgt./ health	
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMIC CONSIDERATIONS	
PLAN / COST EFFECTIVENESS situational concerning cost effectiveness	
CLIENT FINANCIAL CONDITION N/A	
MARKETS FOR PRODUCTS N/A	
AVAILABLE LABOR significant decrease in labor requirement	
AVAILABLE EQUIPMENT significant decrease in equip. needed	

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	sign. improvement in public health safety	
PRIVATE/PUBLIC VALUES	sign. improvement in private/public values	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	moderate risk involved	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CONSIDERATIONS		
ABSENCE/PRESENCE OF CULTURAL RESOURCES	situational regarding cultural resources	
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources	
OTHER		